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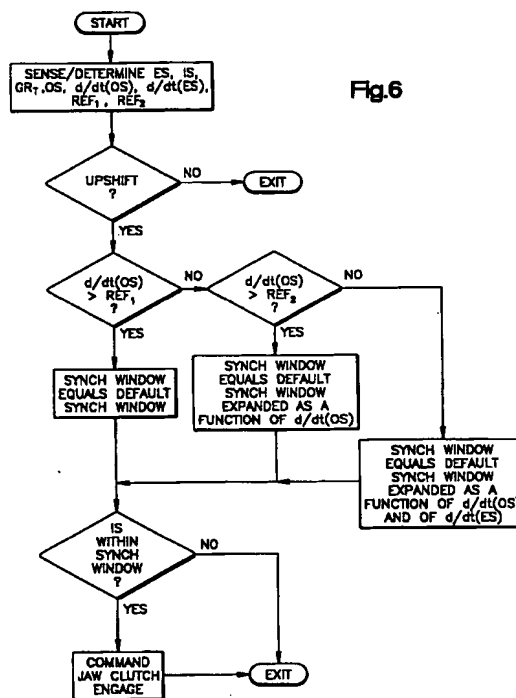
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(54) Adaptive upshift jaw clutch engagement control

(57) A control system for controlling jaw clutch (88) engagement for completing upshifts. The synchronous window ((OS*GR)±offset), determined by output shaft speed (OS) and gear ratio (GR), commanding jaw clutch engagement is increased upon sensing relative great vehicle deceleration ($dOS/dt < REF_1$) or relatively great vehicle acceleration ($dOS/dt > REF_1$) and relative small engine deceleration ($dES/dt < REF_2$).



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